

Kevin J Flynn

List of Publications by Year in descending order

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142
papers

9,587
citations

41323

49
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42364

92
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147
all docs

147
docs citations

147
times ranked

8466
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytoplankton in a changing world: cell size and elemental stoichiometry. <i>Journal of Plankton Research</i> , 2010, 32, 119-137.	0.8	909
2	Placing microalgae on the biofuels priority list: a review of the technological challenges. <i>Journal of the Royal Society Interface</i> , 2010, 7, 703-726.	1.5	680
3	Phytoplankton blooms: a "loophole" in microzooplankton grazing impact?. <i>Journal of Plankton Research</i> , 2005, 27, 313-321.	0.8	371
4	Misuse of the phytoplankton-zooplankton dichotomy: the need to assign organisms as mixotrophs within plankton functional types. <i>Journal of Plankton Research</i> , 2013, 35, 3-11.	0.8	344
5	The role of mixotrophic protists in the biological carbon pump. <i>Biogeosciences</i> , 2014, 11, 995-1005.	1.3	314
6	Defining Planktonic Protist Functional Groups on Mechanisms for Energy and Nutrient Acquisition: Incorporation of Diverse Mixotrophic Strategies. <i>Protist</i> , 2016, 167, 106-120.	0.6	290
7	Future HAB science: Directions and challenges in a changing climate. <i>Harmful Algae</i> , 2020, 91, 101632.	2.2	223
8	Chlorophyll content and fluorescence responses cannot be used to gauge reliably phytoplankton biomass, nutrient status or growth rate. <i>New Phytologist</i> , 2006, 169, 525-536.	3.5	214
9	End-to-End Models for the Analysis of Marine Ecosystems: Challenges, Issues, and Next Steps. <i>Marine and Coastal Fisheries</i> , 2010, 2, 115-130.	0.6	202
10	Nutritional Status and Diet Composition Affect the Value of Diatoms as Copepod Prey. <i>Science</i> , 2005, 307, 1457-1459.	6.0	172
11	Modeling of HABs and eutrophication: Status, advances, challenges. <i>Journal of Marine Systems</i> , 2010, 83, 262-275.	0.9	171
12	Changes in pH at the exterior surface of plankton with ocean acidification. <i>Nature Climate Change</i> , 2012, 2, 510-513.	8.1	158
13	Predator-prey interactions: is "ecological stoichiometry" sufficient when good food goes bad?. <i>Journal of Plankton Research</i> , 2005, 27, 393-399.	0.8	154
14	Bridging the gap between marine biogeochemical and fisheries sciences; configuring the zooplankton link. <i>Progress in Oceanography</i> , 2014, 129, 176-199.	1.5	146
15	Promotion of harmful algal blooms by zooplankton predatory activity. <i>Biology Letters</i> , 2006, 2, 194-197.	1.0	145
16	Rapid determination of bulk microalgal biochemical composition by Fourier-Transform Infrared spectroscopy. <i>Bioresource Technology</i> , 2013, 148, 215-220.	4.8	139
17	Allometry and stoichiometry of unicellular, colonial and multicellular phytoplankton. <i>New Phytologist</i> , 2009, 181, 295-309.	3.5	138
18	Review of climate change impacts on marine aquaculture in the UK and Ireland. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 389-421.	0.9	134

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19	Castles built on sand: dysfunctionality in plankton models and the inadequacy of dialogue between biologists and modellers. <i>Journal of Plankton Research</i> , 2005, 27, 1205-1210.	0.8	126
20	Have we been underestimating the effects of ocean acidification in zooplankton?. <i>Global Change Biology</i> , 2014, 20, 3377-3385.	4.2	125
21	Modelling the interactions between ammonium and nitrate uptake in marine phytoplankton. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 1625-1645.	1.8	124
22	Building the "perfect beast": modelling mixotrophic plankton. <i>Journal of Plankton Research</i> , 2009, 31, 965-992.	0.8	121
23	Mixotrophic protists and a new paradigm for marine ecology: where does plankton research go now?. <i>Journal of Plankton Research</i> , 2019, 41, 375-391.	0.8	119
24	Modelling multi-nutrient interactions in phytoplankton; balancing simplicity and realism. <i>Progress in Oceanography</i> , 2003, 56, 249-279.	1.5	118
25	Phagotrophy in the origins of photosynthesis in eukaryotes and as a complementary mode of nutrition in phototrophs: relation to Darwin's insectivorous plants. <i>Journal of Experimental Botany</i> , 2009, 60, 3975-3987.	2.4	108
26	IS THE GROWTH RATE HYPOTHESIS APPLICABLE TO MICROALGAE?1. <i>Journal of Phycology</i> , 2010, 46, 1-12.	1.0	105
27	Algal carbon-13 nitrogen metabolism: a biochemical basis for modelling the interactions between nitrate and ammonium uptake. <i>Journal of Plankton Research</i> , 1991, 13, 373-387.	0.8	97
28	A mechanistic model of photoinhibition. <i>New Phytologist</i> , 2000, 145, 347-359.	3.5	97
29	The large capacity for dark nitrate-13 assimilation in diatoms may overcome nitrate limitation of growth. <i>New Phytologist</i> , 2002, 155, 101-108.	3.5	86
30	Ecological modelling in a sea of variable stoichiometry: Dysfunctionality and the legacy of Redfield and Monod. <i>Progress in Oceanography</i> , 2010, 84, 52-65.	1.5	84
31	Importance of Interactions between Food Quality, Quantity, and Gut Transit Time on Consumer Feeding, Growth, and Trophic Dynamics. <i>American Naturalist</i> , 2007, 169, 632-646.	1.0	79
32	Influence of the N:P supply ratio on biomass productivity and time-resolved changes in elemental and bulk biochemical composition of <i>Nannochloropsis</i> sp.. <i>Bioresource Technology</i> , 2014, 169, 588-595.	4.8	77
33	Acquired phototrophy in <i>Mesodinium</i> and <i>Dinophysis</i> - A review of cellular organization, prey selectivity, nutrient uptake and bioenergetics. <i>Harmful Algae</i> , 2013, 28, 126-139.	2.2	75
34	HOW CRITICAL IS THE CRITICAL N:P RATIO?1. <i>Journal of Phycology</i> , 2002, 38, 961-970.	1.0	71
35	Modelling mixotrophy in harmful algal blooms: More or less the sum of the parts?. <i>Journal of Marine Systems</i> , 2010, 83, 158-169.	0.9	70
36	Prey selection and rejection by a microflagellate; implications for the study and operation of microbial food webs. <i>Journal of Experimental Marine Biology and Ecology</i> , 1996, 196, 357-372.	0.7	67

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37	Modelling phosphate transport and assimilation in microalgae; how much complexity is warranted?. <i>Ecological Modelling</i> , 2000, 125, 145-157.	1.2	67
38	Oceanic protists with different forms of acquired phototrophy display contrasting biogeographies and abundance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170664.	1.2	63
39	Modelling Si-N-limited growth of diatoms. <i>Journal of Plankton Research</i> , 2000, 22, 447-472.	0.8	62
40	INTERACTIONS BETWEEN IRON, LIGHT, AMMONIUM, AND NITRATE: INSIGHTS FROM THE CONSTRUCTION OF A DYNAMIC MODEL OF ALGAL PHYSIOLOGY. <i>Journal of Phycology</i> , 1999, 35, 1171-1190.	1.0	61
41	Development of a robust marine ecosystem model to predict the role of iron in biogeochemical cycles: A comparison of results for iron-replete and iron-limited areas, and the SOIREE iron-enrichment experiment. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 333-366.	0.6	61
42	Accounting for grazing dynamics in nitrogenâ€phytoplanktonâ€zooplankton (NPZ) models. <i>Limnology and Oceanography</i> , 2007, 52, 649-661.	1.6	61
43	Ocean acidification with (de)eutrophication will alter future phytoplankton growth and succession. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142604.	1.2	61
44	The importance of the form of the quota curve and control of non-limiting nutrient transport in phytoplankton models. <i>Journal of Plankton Research</i> , 2008, 30, 423-438.	0.8	60
45	Changes in toxins, intracellular and dissolved free amino acids of the toxic dinoflagellate <i>Cymnodinium catenatum</i> in response to changes in inorganic nutrients and salinity. <i>Journal of Plankton Research</i> , 1996, 18, 2093-2111.	0.8	59
46	MODELING THE RELEASE OF DISSOLVED ORGANIC MATTER BY PHYTOPLANKTON¹. <i>Journal of Phycology</i> , 2008, 44, 1171-1187.	1.0	56
47	Estimating the ecological, economic and social impacts of ocean acidification and warming on <sc>UK</sc> fisheries. <i>Fish and Fisheries</i> , 2017, 18, 389-411.	2.7	53
48	Accounting for variation in prey selectivity by zooplankton. <i>Ecological Modelling</i> , 2006, 199, 82-92.	1.2	51
49	The ratio of glutamine:glutamate in microalgae: a biomarker for N-status suitable for use at natural cell densities. <i>Journal of Plankton Research</i> , 1989, 11, 165-170.	0.8	50
50	Ocean Acidification Affects the Phyto-Zoo Plankton Trophic Transfer Efficiency. <i>PLoS ONE</i> , 2016, 11, e0151739.	1.1	49
51	Sampling bias misrepresents the biogeographical significance of constitutive mixotrophs across global oceans. <i>Global Ecology and Biogeography</i> , 2019, 28, 418-428.	2.7	49
52	Modelling mixotrophic functional diversity and implications for ecosystem function. <i>Journal of Plankton Research</i> , 2018, 40, 627-642.	0.8	47
53	Release of nitrite by marine dinoflagellates: development of a mathematical simulation. <i>Marine Biology</i> , 1998, 130, 455-470.	0.7	46
54	A comparison of two N-irradiance interaction models of phytoplankton growth. <i>Limnology and Oceanography</i> , 2001, 46, 1794-1802.	1.6	44

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55	GROWTH OF HETEROSIGMA CARTERAE (RAPHIDOPHYCEAE) ON NITRATE AND AMMONIUM AT THREE PHOTON FLUX DENSITIES: EVIDENCE FOR N STRESS IN NITRATE-GROWING CELLS ¹ . <i>Journal of Phycology</i> , 1995, 31, 859-867.	1.0	42
56	Attack is not the best form of defense: Lessons from harmful algal bloom dynamics. <i>Harmful Algae</i> , 2008, 8, 129-139.	2.2	42
57	Do external resource ratios matter?. <i>Journal of Marine Systems</i> , 2010, 83, 170-180.	0.9	40
58	Metabolic and physiological changes in <i>Prymnesium parvum</i> when grown under, and grazing on prey of, variable nitrogen:phosphorus stoichiometry. <i>Harmful Algae</i> , 2016, 55, 1-12.	2.2	40
59	European sea bass, <i>>Dicentrarchus labrax</i>, in a changing ocean. <i>Biogeosciences</i> , 2014, 11, 2519-2530.	1.3	39
60	Composition of intracellular and extracellular pools of amino acids, and amino acid utilization of microalgae of different sizes. <i>Journal of Experimental Marine Biology and Ecology</i> , 1990, 139, 151-166.	0.7	38
61	Changes in fatty acids, amino acids and carbon/nitrogen biomass during nitrogen starvation of ammonium- and nitrate-grown <i>Isochrysis galbana</i> . <i>Journal of Applied Phycology</i> , 1992, 4, 95-104.	1.5	38
62	Predator-prey interactions between <i>Isochrysis galbana</i> and <i>Oxyrrhis marina</i> . II. Release of non-protein amines and faeces during predation of <i>Isochrysis</i> . <i>Journal of Plankton Research</i> , 1993, 15, 893-905.	0.8	38
63	Selection for fitness at the individual or population levels: Modelling effects of genetic modifications in microalgae on productivity and environmental safety. <i>Journal of Theoretical Biology</i> , 2010, 263, 269-280.	0.8	38
64	Simulating Effects of Variable Stoichiometry and Temperature on Mixotrophy in the Harmful Dinoflagellate <i>Karlodinium veneticum</i> . <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	38
65	Amino acid uptake by the toxic dinoflagellate <i>Alexandrium fundyense</i> . <i>Marine Biology</i> , 1999, 133, 11-19.	0.7	37
66	Monster potential meets potential monster: pros and cons of deploying genetically modified microalgae for biofuels production. <i>Interface Focus</i> , 2013, 3, 20120037.	1.5	37
67	Aldehyde-induced insidious effects cannot be considered as a diatom defence mechanism against copepods. <i>Marine Ecology - Progress Series</i> , 2009, 377, 79-89.	0.9	37
68	What is the limit for photoautotrophic plankton growth rates?. <i>Journal of Plankton Research</i> , 2017, 39, 13-22.	0.8	35
69	Effects of growth rate, cell size, motion, and elemental stoichiometry on nutrient transport kinetics. <i>PLoS Computational Biology</i> , 2018, 14, e1006118.	1.5	35
70	Do we need complex mechanistic photoacclimation models for phytoplankton?. <i>Limnology and Oceanography</i> , 2003, 48, 2243-2249.	1.6	34
71	Physiology limits commercially viable photoautotrophic production of microalgal biofuels. <i>Journal of Applied Phycology</i> , 2017, 29, 2713-2727.	1.5	34
72	Nutrients from anaerobic digestion effluents for cultivation of the microalga <i>Nannochloropsis</i> sp. "â€”" Impact on growth, biochemical composition and the potential for cost and environmental impact savings. <i>Algal Research</i> , 2017, 26, 275-286.	2.4	34

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73	A Bibliometric Analysis of Microalgae Research in the World, Europe, and the European Atlantic Area. <i>Marine Drugs</i> , 2020, 18, 79.	2.2	34
74	Mixotrophy in Harmful Algal Blooms: By Whom, on Whom, When, Why, and What Next. <i>Ecological Studies</i> , 2018, , 113-132.	0.4	33
75	The loss of organic nitrogen during marine primary production may be significantly overestimated when using ¹⁵ N substrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 641-647.	1.2	32
76	Acclimation, adaptation, traits and trade-offs in plankton functional type models: reconciling terminology for biology and modelling. <i>Journal of Plankton Research</i> , 2015, 37, 683-691.	0.8	32
77	Why Plankton Modelers Should Reconsider Using Rectangular Hyperbolic (Michaelis-Menten, Monod) Descriptions of Predator-Prey Interactions. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	32
78	Minimising losses to predation during microalgae cultivation. <i>Journal of Applied Phycology</i> , 2017, 29, 1829-1840.	1.5	32
79	Modelling marine phytoplankton growth under eutrophic conditions. <i>Journal of Sea Research</i> , 2005, 54, 92-103.	0.6	31
80	Dynamic changes in carbonate chemistry in the microenvironment around single marine phytoplankton cells. <i>Nature Communications</i> , 2018, 9, 74.	5.8	31
81	Changes in intracellular and extracellular γ -amino acids in <i>Gloeotheca</i> during N ₂ -fixation and following addition of ammonium. <i>Archives of Microbiology</i> , 1990, 153, 574-579.	1.0	30
82	Parental exposure to elevated pCO ₂ influences the reproductive success of copepods. <i>Journal of Plankton Research</i> , 2014, 36, 1165-1174.	0.8	30
83	Carbon-nitrogen relations during batch growth of <i>Nannochloropsis oculata</i> (Eustigmatophyceae) under alternating light and dark. <i>Journal of Applied Phycology</i> , 1993, 5, 465-475.	1.5	29
84	Modelling suggests that optimization of dark nitrogen assimilation need not be a critical selective feature in phytoplankton. <i>New Phytologist</i> , 2002, 155, 109-119.	3.5	29
85	Reply to Horizons Article "Plankton functional type modelling: running before we can walk"™ Anderson (2005): II. Putting trophic functionality into plankton functional types. <i>Journal of Plankton Research</i> , 2006, 28, 873-875.	0.8	27
86	Differences in physiology explain succession of mixoplankton functional types and affect carbon fluxes in temperate seas. <i>Progress in Oceanography</i> , 2021, 190, 102481.	1.5	27
87	Toxin production in migrating dinoflagellates: a modelling study of PSP producing <i>Alexandrium</i> . <i>Harmful Algae</i> , 2002, 1, 147-155.	2.2	26
88	Modelling alkaline phosphatase activity in microalgae under orthophosphate limitation: the case of <i>Phaeocystis globosa</i> . <i>Journal of Plankton Research</i> , 2015, 37, 869-885.	0.8	26
89	Modeling Plankton Mixotrophy: A Mechanistic Model Consistent with the Shuter-Type Biochemical Approach. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	25
90	A short version of the ammonium-nitrate interaction model. <i>Journal of Plankton Research</i> , 1997, 19, 1881-1897.	0.8	24

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91	Nitrogen ASSIMILATION IN THE NOXIOUS FLAGELLATE HETEROSIGMA CARTERAE (RAPHIDOPHYCEAE): DEPENDENCE ON LIGHT, Nitrogen SOURCE, AND PHYSIOLOGICAL STATE 1. <i>Journal of Phycology</i> , 2002, 38, 503-512.	1.0	24
92	Going for the slow burn: why should possession of a low maximum growth rate be advantageous for microalgae?. <i>Plant Ecology and Diversity</i> , 2009, 2, 179-189.	1.0	24
93	Predator-prey interactions between <i>Isochrysis galbana</i> and <i>Oxyrrhis marina</i> . III. Mathematical modelling of predation and nutrient regeneration. <i>Journal of Plankton Research</i> , 1995, 17, 465-492.	0.8	23
94	Introducing mixotrophy into a biogeochemical model describing an eutrophied coastal ecosystem: The Southern North Sea. <i>Progress in Oceanography</i> , 2017, 157, 1-11.	1.5	23
95	Relationships between photopigments, cell carbon, cell nitrogen and growth rate for a marine nanoflagellate. <i>Journal of Experimental Marine Biology and Ecology</i> , 1991, 153, 87-96.	0.7	22
96	Interactions between nitrate and ammonium in <i>Emiliana huxleyi</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 236, 307-319.	0.7	22
97	In silico optimization for production of biomass and biofuel feedstocks from microalgae. <i>Journal of Applied Phycology</i> , 2015, 27, 33-48.	1.5	22
98	The simultaneous assimilation of ammonium and L-arginine by the marine diatom <i>Phaeodactylum tricornutum</i> Bohlin. <i>Journal of Experimental Marine Biology and Ecology</i> , 1986, 95, 257-269.	0.7	20
99	Cutting the Canopy to Defeat the "Selfish Gene", Conflicting Selection Pressures for the Integration of Phototrophy in Mixotrophic Protists. <i>Protist</i> , 2013, 164, 811-823.	0.6	20
100	The concept of "primary production" in aquatic ecology. <i>Limnology and Oceanography</i> , 1988, 33, 1215-1216.	1.6	19
101	Variation in elemental stoichiometry of the marine diatom <i>Thalassiosira weissflogii</i> (Bacillariophyceae) in response to combined nutrient stress and changes in carbonate chemistry. <i>Journal of Phycology</i> , 2014, 50, 640-651.	1.0	18
102	Morphological Controls on Cannibalism in a Planktonic Marine Phagotroph. <i>Protist</i> , 2008, 159, 41-51.	0.6	17
103	Multivariate spectral analysis of pH SERS probes for improved sensing capabilities. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 819-827.	1.2	17
104	Effects of N deprivation and darkness on composition of free amino acid pool in and on amino acid release from diatom <i>Phaeodactylum tricornutum</i> Bohlin. <i>Journal of Experimental Marine Biology and Ecology</i> , 1988, 119, 131-143.	0.7	16
105	Predator-prey interactions between <i>Isochrysis galbana</i> and <i>Oxyrrhis marina</i> . I. Changes in particulate $\delta^{13}C$. <i>Journal of Plankton Research</i> , 1993, 15, 455-463.	0.8	16
106	Utilization of dissolved inorganic carbon (DIC) and the response of the marine flagellate <i>Isochrysis galbana</i> to carbon or nitrogen stress. <i>New Phytologist</i> , 1999, 144, 463-470.	3.5	16
107	Modeling DOM Biogeochemistry. , 2015, , 635-667.		16
108	Incorporating plankton respiration in models of aquatic ecosystem function. , 2005, , 248-266.		16

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109	Modelling temporal decoupling between biomass and numbers during the transient nitrogen-limited growth of a marine phytoflagellate. <i>Journal of Plankton Research</i> , 1993, 15, 351-359.	0.8	15
110	Interrelationships between the pathways of inorganic nitrogen assimilation in the cyanobacterium <i>Gloeotheca</i> can be described using a mechanistic mathematical model. <i>New Phytologist</i> , 2003, 160, 545-555.	3.5	15
111	A Modelling Exploration of Vertical Migration by Phytoplankton. <i>Journal of Theoretical Biology</i> , 2002, 218, 471-484.	0.8	14
112	A Modelling Exploration of Vertical Migration by Phytoplankton. <i>Journal of Theoretical Biology</i> , 2002, 218, 471-484.	0.8	14
113	Food-density-dependent inefficiency in animals with a gut as a stabilizing mechanism in trophic dynamics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1147-1152.	1.2	14
114	Niche separation between different functional types of mixoplankton: results from NPZ-style N-based model simulations. <i>Marine Biology</i> , 2020, 167, 1.	0.7	14
115	Operation of light-dark cycles within simple ecosystem models of primary production and the consequences of using phytoplankton models with different abilities to assimilate N in darkness. <i>Journal of Plankton Research</i> , 2003, 25, 83-92.	0.8	13
116	An automated HPLC method for the rapid analysis of paralytic shellfish toxins from dinoflagellates and bacteria using precolumn oxidation at low temperature. <i>Journal of Experimental Marine Biology and Ecology</i> , 1996, 197, 145-157.	0.7	12
117	The influence of changes in predation rates on marine microbial predator/prey interactions: a modelling study. <i>Acta Oecologica</i> , 2003, 24, S359-S367.	0.5	10
118	Coupling a simple irradiance description to a mechanistic growth model to predict algal production in industrial-scale solar-powered photobioreactors. <i>Journal of Applied Phycology</i> , 2016, 28, 3203-3212.	1.5	10
119	Toward a mechanistic understanding of trophic structure: inferences from simulating stable isotope ratios. <i>Marine Biology</i> , 2018, 165, 147.	0.7	10
120	Exploring the Trophic Spectrum: Placing Mixoplankton Into Marine Protist Communities of the Southern North Sea. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
121	Application of a two-compartment one-toxin model to predict the toxin accumulation in Pacific oysters in Hiroshima Bay, Japan. <i>Fisheries Science</i> , 2003, 69, 944-950.	0.7	9
122	The role of coccolithophore calcification in bioengineering their environment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161099.	1.2	9
123	Editorial: Modeling the Plankton—Enhancing the Integration of Biological Knowledge and Mechanistic Understanding. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	9
124	Exploring evolution of maximum growth rates in plankton. <i>Journal of Plankton Research</i> , 2020, 42, 497-513.	0.8	9
125	Modelling the Effects of Traits and Abiotic Factors on Viral Lysis in Phytoplankton. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
126	Acquired Phototrophy and Its Implications for Bloom Dynamics of the <i>Teleaulax-Mesodinium-Dinophysis</i> -Complex. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	8

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127	“Boom and Bust” dynamics of phytoplankton-virus interactions explain the paradox of the plankton. <i>New Phytologist</i> , 2022, 234, 990-1002.	3.5	8
128	Mixoplankton interferences in dilution grazing experiments. <i>Scientific Reports</i> , 2021, 11, 23849.	1.6	7
129	Protoplasmic streaming of chloroplasts enables rapid photoacclimation in large diatoms. <i>Journal of Plankton Research</i> , 2021, 43, 831-845.	0.8	6
130	Mixotrophy Among Freshwater and Marine Protists. , 2019, , 199-199.		5
131	N-ASSIMILATION IN THE NOXIOUS FLAGELLATE HETEROSIGMA CARTERAE (RAPHIDOPHYCEAE): DEPENDENCE ON LIGHT, N-SOURCE, AND PHYSIOLOGICAL STATE1. , 2002, 38, 503.		4
132	Deuterium in marine organic biomarkers: toward a new tool for quantifying aquatic mixotrophy. <i>New Phytologist</i> , 2022, 234, 776-782.	3.5	4
133	Coccolithophorids, Nutrients and the Greenhouse Effect. <i>Chemistry and Ecology</i> , 1990, 4, 109-116.	0.6	3
134	Plants Are Not Animals and Animals Are Not Plants, Right? Wrong! Tiny Creatures in the Ocean Can Be Both at Once!. <i>Frontiers for Young Minds</i> , 0, 7, .	0.8	2
135	A modelling exploration of vertical migration by phytoplankton. <i>Journal of Theoretical Biology</i> , 2002, 218, 471-84.	0.8	2
136	Modelling interactions between phytoplankton and bacteria under nutrient-regenerating conditions. <i>Journal of Plankton Research</i> , 1995, 17, 1395-1395.	0.8	1
137	chapter 9 Ocean Acidification with (De)eutrophication will Alter Future Phytoplankton Growth and Succession. , 2017, , 207-218.		1
138	Subtle Differences in the Representation of Consumer Dynamics Have Large Effects in Marine Food Web Models. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1
139	Fluctuations in the intracellular amino acids of <i>Gloeotheca</i> during nitrogen fixation and following addition of ammonium. <i>Biochemical Society Transactions</i> , 1989, 17, 925-926.	1.6	0
140	... and goodbye for now!. <i>Journal of Plankton Research</i> , 2007, 29, 1021-1021.	0.8	0
141	A Festschrift in honour of Professor John A. Raven. <i>Plant Ecology and Diversity</i> , 2009, 2, 107-110.	1.0	0
142	Exploring the Implications of the Stoichiometric Modulation of Planktonic Predation. , 2016, , 77-89.		0